

02-04-02

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J1057 U.S. PTO

**UTILITY PATENT APPLICATION TRANSMITTAL**  
**(only for new and continuation-in-part**  
**nonprovisional applications under 37 CFR**  
**1.53(b))**

Docket No.:

P-IS 5150

J0978 U.S. PTO

10/062299

01/31/02

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 Box Patent Application  
 Washington, D.C. 20231

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*Brian Ho*

(TYPED OR PRINTED NAME OR PERSON MAILING PAPER OR FEE)

*Brian Ho*

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This is a request for filing a  
  X   new utility patent application under 37 CFR 1.53(b)(1).  
       continuation-in-part under CFR 1.53(b)(2) of prior  
 application serial no. \_\_\_\_\_, filed \_\_\_\_\_  
 (list entire parentage).

Title: GENE DISCOVERY FOR THE SYSTEM ASSIGNMENT OF GENE FUNCTION

Inventors (full name of each inventor): Leroy E. Hood  
Andrew F. Siegel  
Trey E. Ideker

Enclosed are:

  X   Return receipt postcard  
  x   Patent Application Bibliographic Data Sheet  
  X     1   Page application cover sheet  
  x   127 Pages of specification (includes claims and abstract)  
  x     2   Sheets of drawing(s)  
       Pages of an executed Declaration for Patent Application  
       An executed Power of Attorney for Patent Application by  
       Assignee  
       Paper copy of sequence listing, pages \_\_\_\_\_ through \_\_\_\_\_  
       Sequence listing in computer readable form  
       Statement Under 37 CFR 1.821(f)  
       An executed assignment and cover sheet  
       An executed Statement Under 37 CFR 3.73(b)  
       An executed small entity statement  
       Request for Nonpublication and Certification  
       Also enclosed: \_\_\_\_\_

       This application is based on prior foreign application(s)  
 No.(s) \_\_\_\_\_, filed in \_\_\_\_\_ on \_\_\_\_\_  
 \_\_\_\_\_, respectively, and priority is hereby claimed  
 therefrom.

       This application is based on, and claims the benefit of,  
 U.S. Provisional Application No. 60/\_\_\_\_\_, filed \_\_\_\_\_  
 ,and entitled \_\_\_\_\_, and which is incorporated  
 herein by reference.

Inventors: Hood et al.  
Docket No.: P-IS 5150  
Page 2

— This application is based on, and claims the benefit of,  
U.S. Provisional Application No. 60/\_\_\_\_\_ (yet to be  
assigned), filed \_\_\_\_\_, which was converted from U.S.  
Serial No. \_\_\_\_\_, and entitled \_\_\_\_\_,  
and which is incorporated herein by reference.

The filing fee has been calculated as shown below:

	Number Filed		Number Extra		Rate			Fee	
					Small Entity	Other Entity		Small Entity	Other Entity
Total Claims	49- 20	=	29	x	\$9	\$18	=	\$	\$
Indepen- dent Claims	9 - 3	=	6	x	\$42	\$84	=	\$	\$
Multiple Dependent Claims Presented:___ Yes_x___ No					\$140	\$280		\$	\$
					BASIC FEE			\$370	\$740
					TOTAL FEE			\$	\$

— A check in the amount of \$\_\_\_\_\_ to cover the filing fee  
is enclosed.

X The payment of the filing fee is to be deferred until the  
Declaration is filed. Do not charge our deposit account.

— The Commissioner is hereby authorized to charge fees under  
37 CFR 1.16 and 1.17 which may be required or credit any  
overpayment to Deposit Account No. \_\_\_\_\_. A duplicate  
copy of this sheet is enclosed.

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**USPTO CUSTOMER NO. 23601**

Respectfully submitted,

Date: January 31, 2002

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Document: Patent Application  
Bibliographic Data Sheet  
Attorney Docket No: P-IS 5150

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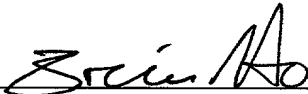
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